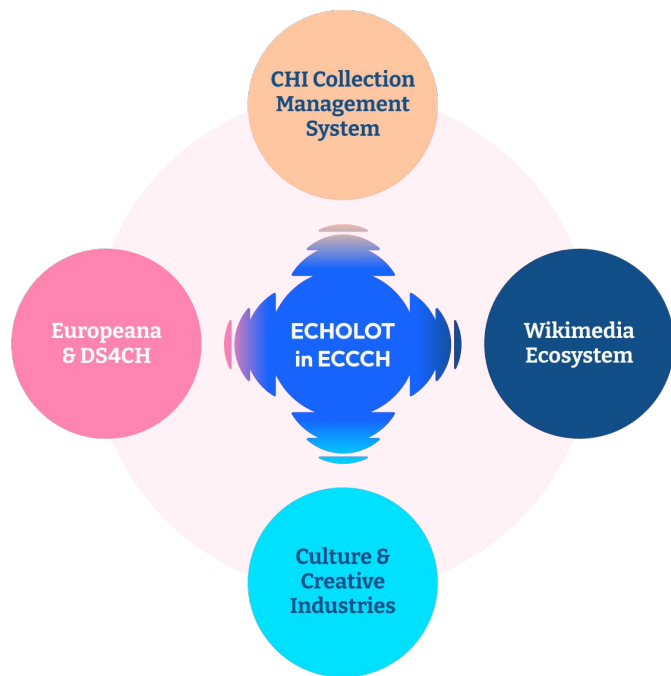


ECHOLOT Project: a Multi-Semantics Approach to CH Data Integration

George Bruseker
[Takin.solutions - Semantic Architect / SARI - Research Fellow]
CRM SIG, Nuremberg, 10/2026

What is Echolot?



ECHOLOT revolutionizes *the provision and reuse of high-quality, interoperable Cultural Heritage data with AI-powered enrichment*, integrating seamlessly in the European Collaborative Cloud for Cultural Heritage (**ECCCH**) and empowering the research and creative sectors. Bringing together major initiatives, such as **Europeana** and the **Wikimedia** movement, alongside key EU-infrastructure projects, including **ECHOES**, EOSC, and the Data Space for Cultural Heritage (**DS4CH**), ECHOLOT contributes innovative, easy-to-use and accessible technical solutions and collaboration models.

Mandate

Build a tool (**based on wikibase/media/semanticwiki**) that enables the easy creation and integration of rich cultural heritage data / metadata into (and out of) at least:

- Europeana / EDM
- DS4CH / Datasheets - DCAT
- ECCCH / Echoes - HDTO
- Wikidata
- BibFrame
- Linked.Art / CIDOC CRM

And possibly

- NFDI4Culture

And also make all of those potentially / actually talk to one another?



Unknown author - Digitized by NPM;
image is directly from Shuge, Public Domain,
<https://commons.wikimedia.org/w/index.php?curid=122470843>

The challenge

Use Cases And Data Variety

Use Cases

- Basque Cultural Heritage Data
- European Literary Bibliography
- Connecting Media Arts Collections
- Flemish Fine Arts and Performing Arts Collections
- WikiMedia Sweden GLAM Data

Input Data Standards

- Wikidata
- Custom CMSes
- Well Known Museum CMSes
- FRBR ish
- Marc21

Input Topics

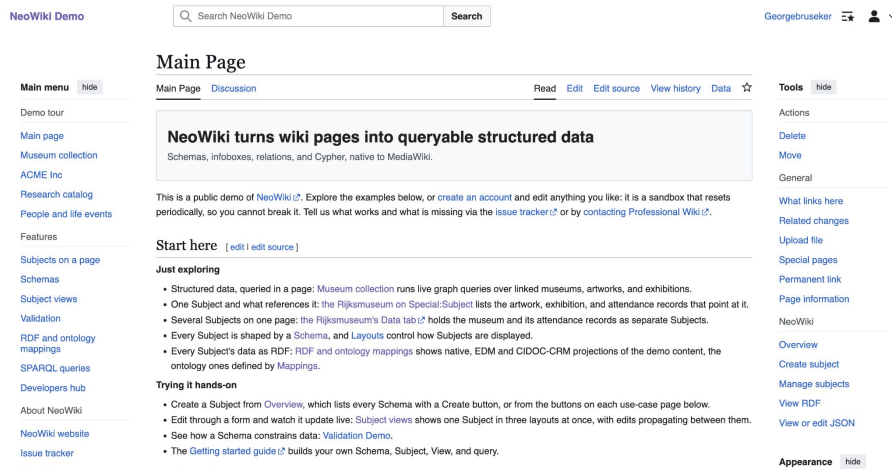
- Authority Data
- Bibliographic Data
- Museum Data
- Performance Data
- Digital Media Metadata
- Media Art Data

the System and the Standard: How to Build a NeoWiki?

We presumably need a schema to convert this data to... or many schemas.

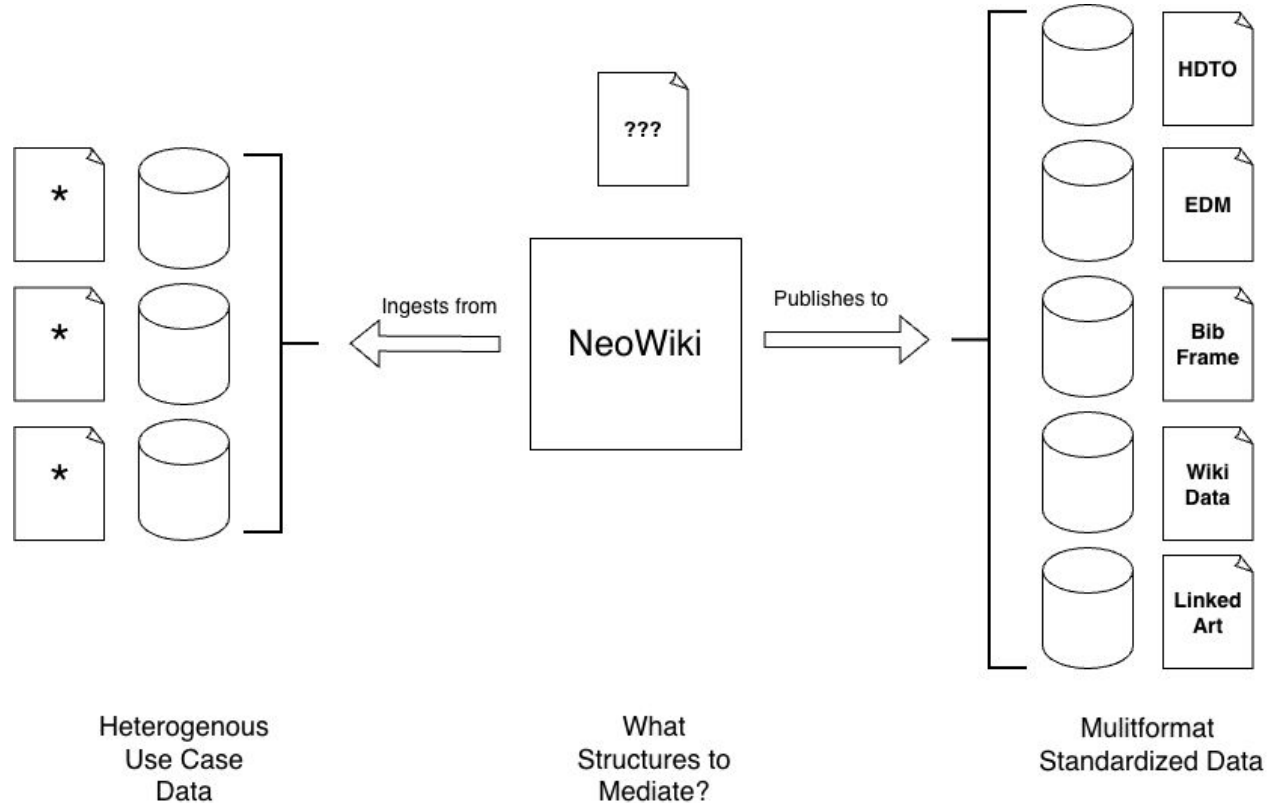
Here were the options considered:

- **From Neutral to the Multiplicity** - we create an ontology free schema with a rich set of defined descriptors which then is the neutral middle point from which we map to and represent in standards
- **From Richest to Poorest** - we take the richest ontological representation out of all the standards and use it for the core schema and we down scale that to the less rich standards as needed
- **Multiple to Multiple** - we make a separate schema for each of the standard supported and express the profiles for their entities in different editions / rollouts of the system



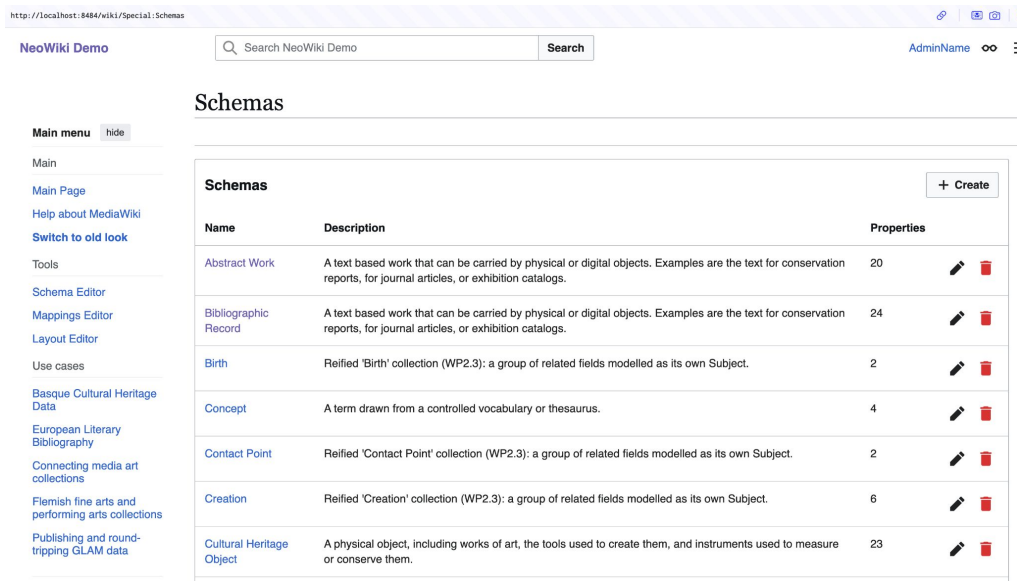
The screenshot shows the 'Main Page' of the 'NeoWiki Demo'. At the top, there is a search bar with the text 'Search NeoWiki Demo' and a 'Search' button. The page title is 'Main Page'. Below the title, there is a navigation bar with links: 'Main Page', 'Discussion', 'Read', 'Edit', 'Edit source', 'View history', 'Data', and a star icon. The main content area has a heading 'NeoWiki turns wiki pages into queryable structured data' followed by a subheading 'Schemas, infoboxes, relations, and Cypher, native to MediaWiki.' Below this, a paragraph states: 'This is a public demo of NeoWiki. Explore the examples below, or create an account and edit anything you like: it is a sandbox that resets periodically, so you cannot break it. Tell us what works and what is missing via the issue tracker or by contacting Professional Wiki.' There is a 'Start here' link with an edit source option. A section titled 'Just exploring' lists several bullet points about the system's features. A 'Trying it hands-on' section lists steps for creating and editing subjects. On the left, there is a 'Main menu' with links like 'Demo tour', 'Main page', 'Museum collection', 'ACME Inc', 'Research catalog', 'People and life events', 'Features', 'Subjects on a page', 'Schemas', 'Subject views', 'Validation', 'RDF and ontology mappings', 'SPARQL queries', 'Developers hub', 'About NeoWiki', 'NeoWiki website', and 'Issue tracker'. On the right, there is a 'Tools' section with links like 'Delete', 'Move', 'General', 'What links here', 'Related changes', 'Upload file', 'Special pages', 'Permanent link', 'Page information', 'NeoWiki', 'Overview', 'Create subject', 'Manage subjects', 'View RDF', 'View or edit JSON', and 'Appearance'.

What do we operationalize for the interchange?



The solution

NeoWiki Schemas



The screenshot shows the NeoWiki Schemas interface. At the top, there's a header with the URL `http://localhost:8484/wiki/Special:Schemas` and a search bar. Below the header, the page title "Schemas" is displayed. On the left, there's a "Main menu" with links to "Main", "Main Page", "Help about MediaWiki", "Switch to old look", "Tools", "Schema Editor", "Mappings Editor", "Layout Editor", "Use cases", "Basque Cultural Heritage Data", "European Literary Bibliography", "Connecting media art collections", "Flemish fine arts and performing arts collections", and "Publishing and round-tripping GLAM data". The main content area displays a table of schemas with columns for Name, Description, and Properties. Each row represents a schema, including "Abstract Work", "Bibliographic Record", "Birth", "Concept", "Contact Point", "Creation", and "Cultural Heritage Object". Each schema entry includes a description, a count of properties, and icons for editing and deleting.

Name	Description	Properties
Abstract Work	A text based work that can be carried by physical or digital objects. Examples are the text for conservation reports, for journal articles, or exhibition catalogs.	20
Bibliographic Record	A text based work that can be carried by physical or digital objects. Examples are the text for conservation reports, for journal articles, or exhibition catalogs.	24
Birth	Reified 'Birth' collection (WP2.3): a group of related fields modelled as its own Subject.	2
Concept	A term drawn from a controlled vocabulary or thesaurus.	4
Contact Point	Reified 'Contact Point' collection (WP2.3): a group of related fields modelled as its own Subject.	2
Creation	Reified 'Creation' collection (WP2.3): a group of related fields modelled as its own Subject.	6
Cultural Heritage Object	A physical object, including works of art, the tools used to create them, and instruments used to measure or conserve them.	23

NeoWiki Schemas feature introduces a way to introduce robust data modelling into a Wiki instance without deep semantic / ontological knowledge.

These data structures can be customized to meet end user needs, capturing different data types, enforcing cardinalities, mandatory fields etc.

The schemas can then be serialized into multiple semantic standards.

NeoWiki Schema Editor

Editing Bibliographic Record schema

A text based work that can be carried by physical or digital objects. Examples are the text for conservation reports, for journal articles, or exhibition catalogs. ✎



Name

Relation · Optional







Identifier

Relation · Optional



Equivalent

URL · Optional



Type

Select · Optional



Text Content

Text · Optional



Format

Text · Optional



Text Language

Select · Optional



Dimension

Relation · Optional

Name

Name

Type



Relation

Aa Text



URL



Number



Select



Relation



Date & Time



Date



Boolean



Color

http://localhost:8484/wiki/Schema:Bibliographic_Record

NeoWiki Demo

Search NeoWiki Demo

Search

AdminNan

Schema:Bibliographic Record

Schema Discussion

Read Edit source View history ☆ Tools

Bibliographic Record

A text based work that can be carried by physical or digital objects. Examples are the text for conservation reports, for journal articles, or exhibition catalogs. ✎

Property	Type	Required	Initial value	Description
Name	 Relation	No	-	Link to the reified Name collection.
Identifier	 Relation	No	-	Link to the reified Identifier collection.
Equivalent	 URL	No	-	This field is used to document a URI which is meant to indicate an equivalence between the documented textual work and a resolvable, structured reference resource that stands as a document for this self same entity.
Type	 Select	No	-	Link to the reified Type collection.
Text Content	 Text	No	-	This field is used to link the documented textual work to the actual string content of that textual work.
Format	 Text	No	-	This field is used to indicate the format of a textual work.
Text Language	 Select	No	-	This field is used to link the documented textual work to the language in which it is expressed.
Dimension	 Relation	No	-	Link to the reified Dimension collection.

Building

Built

NeoWiki “Mapping” / Serialization Tool

Mapping:EDM

Mapping [Discussion](#) [Read](#) [Edit source](#) [View history](#) ☆

Format version 1

Mapped schemas

Schema	Target class	Mapped properties
Person	edm:Agent	4
Birth		2
Artist	edm:Agent	4
Artwork	edm:ProvidedCHO	5
City	edm:Place	0
Place	edm:Place	0

Prefixes

Prefix	Namespace IRI
edm	http://www.europeana.eu/schemas/edm/
ore	http://www.openarchives.org/ore/terms/
rdaGr2	http://rdvocab.info/ElementsGr2/
skos	http://www.w3.org/2004/02/skos/core#
dc	http://purl.org/dc/elements/1.1/
dcterms	http://purl.org/dc/terms/
foaf	http://xmlns.com/foaf/0.1/
xsd	http://www.w3.org/2001/XMLSchema#

Person

subject	class	"edm:Agent"	
	labelPredicate	"foaf:name"	
properties	Gender	predicate	"rdaGr2:gender"
	Birth date	predicate	"rdaGr2:dateOfBirth"
	Birth place	predicate	"rdaGr2:placeOfBirth"
	Description	predicate	"skos:note"
		lang	"en"

Birth

contributions	Brought into life	Date	predicate	"rdaGr2:dateOfBirth"
		Took place at	predicate	"rdaGr2:placeOfBirth"

The Set of Schemas in a NeoWiki instance can be mapped to N Data Standards

From One set of 'Neutral' Schemas to Many Standards

Subjects on Pablo Picasso

Page **Discussion** [Read](#) [Edit](#) [Edit source](#) [View history](#) [Data](#) ☆

1 subject in total

[Export all](#) [+ Create subject](#)

^  **Pablo Picasso**    

[Person](#) • 5 statements

Description	Spanish painter, sculptor, and printmaker who co-founded the Cubist movement and is regarded as one of the most influential artists of the 20th century.
Gender	Male
Birth date	Oct 25, 1881
Birth place	Málaga
Source	A Life of Picasso I: The Prodigy: 1881-1906 by John Richardson 0375711497

ID: `s2picasso2aaaa2`
IRI: `https://neowiki.dev/entity/s2picasso2aaaa2`

[Export](#)

The 5 statements on Picasso can be serialized in EDM, CIDOC etc.

@prefix crm: <<http://www.cidoc-crm.org/cidoc-crm/>>.

```
neo-subj:s2picasso2aaaa2 a crm:E21_Person;  
  rdfs:label "Pablo Picasso";  
  crm:P3_has_note "Spanish painter, sculptor, and  
  printmaker who co-founded the Cubist movement and is  
  regarded as one of the most influential artists of the 20th  
  century."  
<https://neowiki.dev/node/s2picasso2aaaa2/birth/birthTime  
span> crm:P82_at_some_time_within  
  "1881-10-25"^^xsd:date.  
<https://neowiki.dev/node/s2picasso2aaaa2/birth>  
crm:P7_took_place_at neo-subj:s2birthcity2aa2;  
  a crm:E67_Birth.  
neo-subj:s2picasso2aaaa2 crm:P98i_was_born  
<https://neowiki.dev/node/s2picasso2aaaa2/birth>.  
<https://neowiki.dev/node/s2picasso2aaaa2/birth/birthTime  
span> a crm:E52_Time-Span.  
<https://neowiki.dev/node/s2picasso2aaaa2/birth>  
crm:P4_has_time-span  
<https://neowiki.dev/node/s2picasso2aaaa2/birth/birthTime  
span>.
```

The execution

Dataset → Model Mapping

UC 5.1 Basque

7 datasets · 8 models reached

UC 5.2 ELB

1 dataset · 7 models reached

UC 5.3 Media art

5 datasets · all 12 models

UC 5.4 Flemish

5 datasets · 2 models reached

Twelve reference models

Person

An individual human person, alive or dead — artists, creators, staff, researchers.

Organization

People who act collectively: a research team, a department, an institution.

Place

An area on the earth's surface, independent of time or anything built there.

Event

A planned public or social occurrence — screenings, exhibitions, performances.

Cultural Heritage Object

A physical object: works of art, the tools that made them, instruments that measure them.

Bibliographic Record

A text-based work carried by physical or digital objects — reports, articles, catalogues.

Abstract Work

The conceptual work itself, independent of any carrier.

Digital Media

Any digital resource output by a single process: images, documents, video, audio, data.

Hardware

Physical computing equipment held as heritage.

Software

Volatile and persistent software as a heritage object.

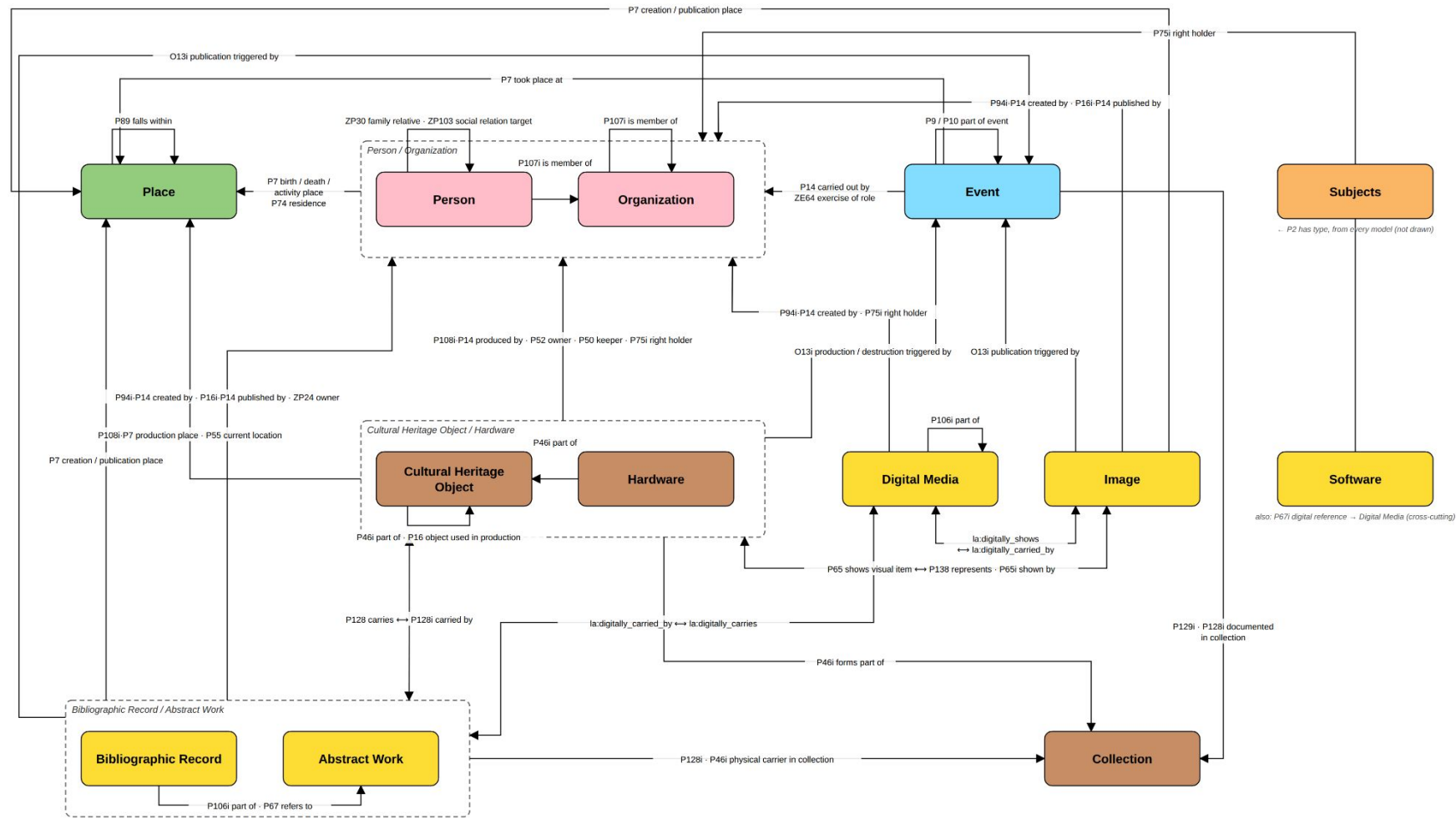
Image

The visual content of an artwork, surviving the destruction of its carrier.

Subjects

Topical and conceptual subject headings used to describe the rest.

ECHOLOT WP2.3 — how the entity models connect



Aligning with sector standard Ontologies

Every model carries an equivalence to CIDOC-CRM, and where one exists, to EDM, Wikidata and the Heritage Digital Twin ontology.

Model	CIDOC-CRM	EDM	Wikidata	HDTO
Person	E21 Person	edm:Agent	Human (Q5)	E21 Person
Organization	E74 Group	edm:Agent · foaf:Organization	Organization (Q43229)	E74 Group
Place	E53 Place	edm:Place	Place- Geographic Location (Q2221906)	E53 Place
Event	E5 Event	edm:Event	Event (Q1656682)	HC12 Heritage Declaration Event
Cultural Heritage Object	E22 Human-Made Object	edm:ProvidedCHO	Cultural Heritage Object (Q210272)	HC3 Tangible Heritage Entity
Bibliographic Record	E33 Linguistic Object	edm:ProvidedCHO	Document (Q49848)	HC4 Intangible Heritage Entity
Abstract Work	E89 Propositional Object	edm:ProvidedCHO	Abstract Work (Q130070948)	HC4 Intangible Heritage Entity
Digital Media	D1 Digital Object	edm:WebResource	Digital Object (Q59138870) · Digital Representation (Q42396623)	HC5 Digital Representation
Hardware	E22 Human-Made Object	—	—	—
Software	D14 Software	—	—	—
Image	E36 Visual Item	—	Image (Q478798) · Visual work (Q110910970)	—
Subjects	E55 Type	skos:Concept	—	—

The next challenges

Documenting the ‘Neutral’ Standard

There is, in the end, no neutral standard, there are just more standards.

Neowiki Schemas implement a light ‘ontology’ with soft commitments. We need to document this if we want data in this format to have long term persistence.

[AdminName](#)

Schema:Person

[Schema](#) [Discussion](#) [Read](#) [Edit source](#) [View history](#) [★](#) [Tools](#) [v](#)

Person
An individual human person, alive or dead. This is used for artists or other creators, current staff and researchers, and anyone else.

Property	Type	Required	Initial value	Description
Name	Relation	No	-	Link to the reified Name collection.
Identifier	Relation	No	-	Link to the reified Identifier collection.

```
180 :Person a rdfs:Class ;
181     rdfs:label "Person"@en ;
182     rdfs:comment "An individual human person, alive or dead. This is
used for artists or other creators, current staff and
researchers, and anyone else."@en ;
183     rdfs:subClassOf :Event_or_Person,
184                     :Organization_or_Person .
185
186 :Place a rdfs:Class ;
187     rdfs:label "Place"@en ;
188     rdfs:comment "An area on the earth's surface, independent of time
or any building or other material that might be located
there."@en ;
189     rdfs:subClassOf :Organization_or_Person_or_Place,
190                     :Thing_with_Source_Reference_Work .
191
```

Documenting the Targets

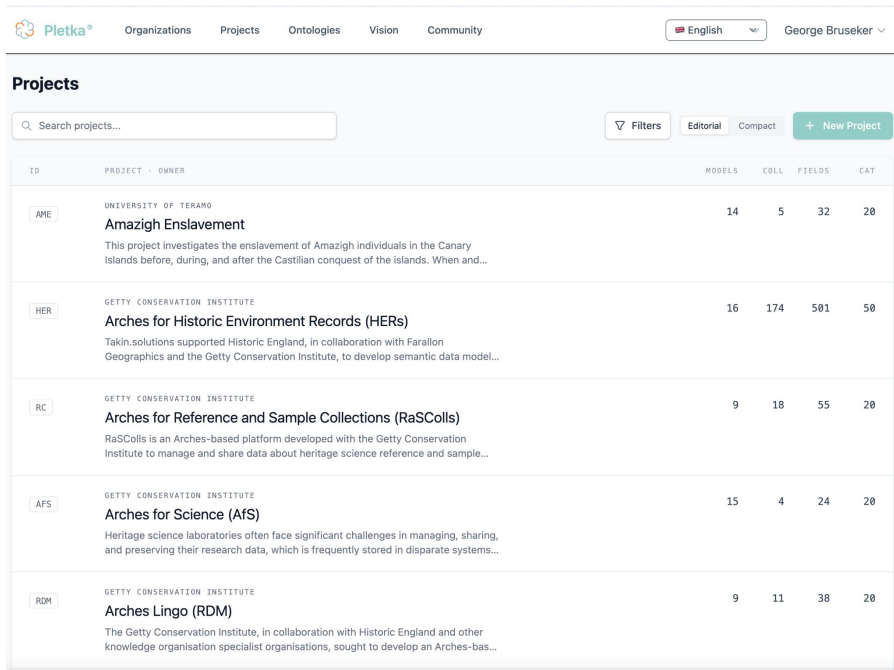
We need an explicit clear representation of what our targets are as schemas.

Problems:

- Most don't have a schema representation at all (just a pile of classes and properties)
- None apply the same means of representing the standard

Solution:

Pletka



The screenshot shows the Pletka web application interface. At the top, there is a navigation bar with the Pletka logo and links for Organizations, Projects, Ontologies, Vision, and Community. On the right, there is a language selector set to 'English' and a user profile for 'George Bruseker'. Below the navigation bar, the 'Projects' section is displayed. It includes a search bar with the placeholder 'Search projects...', a 'Filters' button, and buttons for 'Editorial', 'Compact', and '+ New Project'. The main content is a table listing various projects.

ID	PROJECT - OWNER	MODELS	COLL	FIELDS	CAT
AME	UNIVERSITY OF TERAMO Amazigh Enslavement This project investigates the enslavement of Amazigh individuals in the Canary Islands before, during, and after the Castilian conquest of the islands. When and...	14	5	32	20
HER	GETTY CONSERVATION INSTITUTE Arches for Historic Environment Records (HERs) Takin.solutions supported Historic England, in collaboration with Farallon Geographics and the Getty Conservation Institute, to develop semantic data model...	16	174	581	50
RC	GETTY CONSERVATION INSTITUTE Arches for Reference and Sample Collections (RaSColls) RaSColls is an Arches-based platform developed with the Getty Conservation Institute to manage and share data about heritage science reference and sample...	9	18	55	20
AFS	GETTY CONSERVATION INSTITUTE Arches for Science (AFS) Heritage science laboratories often face significant challenges in managing, sharing, and preserving their research data, which is frequently stored in disparate systems...	15	4	24	20
RDM	GETTY CONSERVATION INSTITUTE Arches Lingo (RDM) The Getty Conservation Institute, in collaboration with Historic England and other knowledge organisation specialist organisations, sought to develop an Arches-bas...	9	11	38	20

EDM: Creating a Standardized Documentation

The screenshot shows a Confluence page titled "EDM (definitions)". The left sidebar contains a navigation menu with items like "Terminology", "Europeana Data Model", "Introduction to the Europe...", "Index of EDM documentati...", "EDM (definitions)" (which is highlighted), "EDM namespace classes a...", "EDM profiles", "3D content in EDM (defi...", "Annotations profile", "Collections profile (defin...", "EDM profile for Sound (d...", "Embeddable resources l...", "Events profile (definitions)", "IIIF to EDM profile (defi...", "Organization profile for ...", "Persistent identifiers in ...", "Provenance of metadata...", "Technical metadata in E...", "EDM - Mapping guidelines", and "Semantic enrichments".

The main content area of the page has a search bar at the top with the text "Search" and a "+ Create" button. Below the search bar, the title "EDM (definitions)" is followed by a byline "By Nuno Freire" and a "Verified" badge. The text "1 min" and "Add a reaction" are also present.

The main body of the page contains the following text:

This page presents the classes defined in EDM and the properties that may be associated with them.

EDM comprises two principal profiles:

- **External** – the set of basic EDM classes and properties to be applied by data providers.
- **Internal** – the profile of EDM as published by Europeana following the ingestion and processing of data.

These abbreviations are used throughout this specification to indicate the profile in which a given class or property is employed.

In addition, EDM includes specialised profiles developed for particular applications, which are available [here](#).

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- [Datatypes](#)
- [Core classes in EDM](#)
 - [edm:ProvidedCHO](#)
 - [ore:Proxy \(Provider and Europeana Proxies\)](#)
 - [edm:WebResource](#)
 - [ore:Aggregation](#)
 - [edm:EuropeanaAggregation](#)
- [Classes for contextual resources](#)
 - [edm:Agent](#)
 - [edm:Place](#)
 - [edm:TimeSpan](#)
 - [skos:Concept](#)
- [Classes for auxiliary resources](#)
 - [edm:Page](#)

The screenshot shows the EDM interface. At the top, there is a navigation bar with the "Pietka" logo and links for "Organizations", "Projects", "Ontologies", "Vision", and "Community". On the right, there is a language selector set to "English" and a user profile for "George Bruseker".

Below the navigation bar, there is a breadcrumb trail: "Projects > The Europeana Data Model > Models | Collections | Fields | Concept lists > Cultural Heritage Object".

The main content area is titled "Cultural Heritage Object" and includes a "published" badge and a "Core" badge. There are buttons for "Edit Metadata" and "Edit Pattern". Below the title, it shows "EDMM.3", "edm:ProvidedCHO", and "49 fields".

Below this, there is a row of tabs: "Patterns" (49), "Statistics", "Metadata", "Examples", "Derivatives", and "Reuse". A search bar "Search fields..." is on the right.

Below the tabs, there are buttons for "Expand all" and "Collapse all". On the right, there are buttons for "Compact" and "Detailed".

The main content area is divided into two sections:

- Names and Identifiers** (4 fields)
 - Direct Fields** (4)
 - > **Title** (String)
 - > **Alternate Title** (String)
 - > **Identifier** (String)
 - > **Same As** (Model)
- Classification** (4 fields)
 - Direct Fields** (4)
 - > **Type** (Concept)
 - > **Nature / Genre Type** (Model EDMM.1 Concept)
 - > **Functionality Type** (Concept)

Linked.Art: Creating a Standardized Documentation

 **LINKED ART**

Home About Model API Resources

API

[Linked Art API 1.0](#)

Core APIs

Entity Endpoints

[About Endpoints](#)

[Abstract Works](#)

[Concepts](#)

[Digital Objects](#)

[Events](#)

[Groups](#)

[People](#)

[Physical Objects](#)

[Places](#)

[Provenance Activities](#)

[Sets](#)

[Textual Works](#)

[Visual Works](#)

Shared Structures

JSON Schemas

Search API

[Search API](#)

Search Links

[Data Discovery](#)

Groups

Introduction

The Group API is a method of getting access to descriptions of sets of people and/or subgroups, such as families, organizations, companies, departments or any other identifiable set of actors. The Group model is of average complexity with many familiar properties and patterns, plus a few more specific fields. This results in an average complexity API, which is very similar to the [Person API](#), that can result in reasonably long JSON responses if all of the fields have values.

For more information about the usage of Group data, please see the [Group model](#) description.

Property Definitions

Dereferencing an entity via the Group endpoint would result in a JSON-LD document containing a single JSON object with the following properties.

Properties of Groups

Property Name	Datatype	Requirement	Description
@context	string, array	Required	The value MUST be the URI of the Linked Art context as a string. <code>"https://linked.art/docs/v1/1/linked-</code>

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[Introduction](#)

[Property Definitions](#)

[Properties of Groups](#)

[Property Diagram](#)

[JSON Schema](#)

[Incoming Properties](#)

[Example](#)

 Organizations Projects Ontologies Vision Community

English George Bruseker

Projects > Linked.Art > Models | Collections | Fields | Concept lists > Group

Group modified

Edit Metadata Edit Pattern

One or more people, potentially sub-divided into further groups, that can act collectively. For example a research team, a department or an organization.

LAM.4 [crm:E74_Group](#) 134 fields

Patterns 134 Statistics Metadata Examples Derivatives Reuse

Expand all Collapse all

Compact Detailed

Names and Identifiers 3 coll - 23 fields

> Name LAC.1 [✎](#)

> Name String Required

> Name Type Concept

> Name Language Concept

> Source Reference Work for Name Model LAM.13 Textual Work

> Name Label String

> Display Name Collection LAC.1 Name

> Name Part Collection LAC.1 Name

> Name Assignment Collection LAC.36 Data Assignment Inner

Identifier LAC.2 [✎](#)

HDTO: Proposing a Standardized Documentation



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3	Heritage Digital Twin Ontology	8
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	Notes on Basic Concepts of the Ontology	10
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	HC2 Heritage Digital Twin	13
	HC3 Tangible Heritage Entity	16
	HC4 Intangible Heritage Entity	16
	HC5 Digital Representation	17
	HC7 Digital Audiovisual Object	18
	HC8 3D Model	19
	HC9 Study	20
	HC10 Heritage Valuation	23
	HC11 Digital Twin Maintenance	24
	HC12 Heritage Declaration Event	25
	HC13 Project	26
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The screenshot shows a web application interface for 'HDTO'. At the top, there's a navigation bar with 'Pietka*' logo and links for 'Organizations', 'Projects', 'Ontologies', 'Vision', and 'Community'. On the right, there's a language selector set to 'English' and a user profile for 'George Bruseker'. Below the navigation bar, a breadcrumb trail shows 'Projects > HDTO > Models > Collections > Fields > Concept lists > Tangible Heritage Entity'. The main content area is titled 'Tangible Heritage Entity' with a 'published' status. It includes a description: 'A tangible heritage entity is a physical object or place that has cultural, historical, or social value. Examples include monuments, buildings, archaeological sites, artworks, or artifacts. These real-world items can be studied, documented, and digitally represented.' Below the description, there are tags for 'HDTM.2', 'hdt:HC3_Tangible_Heritage_Entity', and '53 fields'. A toolbar contains icons for 'Patterns' (53), 'Statistics', 'Metadata', 'Examples', 'Derivatives', and 'Reuse', along with a search bar 'Search fields...'. Below the toolbar, there are 'Expand all' and 'Collapse all' buttons, and a 'Compact'/'Detailed' view toggle. The main content is a tree view under 'Names and Identifiers' (2 coll - 8 fields). It has two main sections: 'Name' (4 fields) and 'Identifier' (3 fields). The 'Name' section includes 'Name' (String), 'Name Type' (Concept), 'Name Language' (Concept), and 'Name Source' (Model, HDTM.17 Document). The 'Identifier' section includes 'Identifier' (String), 'Identifier Type' (Concept), and 'Identifier Source' (Model, HDTM.17 Document).

Making Standards Commensurable: A CrossWalk

Pletka® Organizations Projects Ontologies Vision Community English George Bruseker

Projects > The Europeana Data Model > Models | Collections | Fields | Concept lists > Cultural Heritage Object

Cultural Heritage Object published Core Edit Metadata Edit Pattern

EDMM.3 edm:ProvidedCHO 49 fields

Patterns 49 Statistics Metadata Examples Derivatives Reuse Search fields...

Expand all Collapse all Compact Detailed

Names and Identifiers 4 fields

Direct Fields 4

- Title String
- Alternate Title String
- Identifier String
- Same As Model

Classification 4 fields

Direct Fields 4

- Type Concept
- Nature / Genre Type Model EDMM.1 Concept
- Functionality Type Concept

Pletka® Organizations Projects Ontologies Vision Community English George Bruseker

Projects > HDTO > Models | Collections | Fields | Concept lists > Heritage Entity

Heritage Entity published Edit Metadata Edit Pattern

HDTM.19 hdt:HCI_Heritage_Entity 39 fields

Patterns 39 Statistics Metadata Examples Derivatives Reuse Search fields...

Expand all Collapse all Compact Detailed

Names and Identifiers 2 coll. 8 fields

Name LAC.1 crm:P1_is_identified_by crm:E43_E41_Linguistic_Appellation 4

- Name String
- Name Type Concept
- Name Language Concept
- Name Source Model HDTM.17 Document

Identifier LAC.2 crm:P1_is_identified_by crm:E42_Identifier 3

- Identifier String
- Identifier Type Concept
- Identifier Source Model HDTM.17 Document

End